

09/5/1976

FORM PTO-1449 (Modified)

Attorney Docket No.: 18512-1-2

Application No.: 09/176,668

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT (Use several sheets if necessary)

Applicant: Lawrence Salkoff et al.

Filing Date: 10/21/98

Group: 1643/646

Reference Designation

U.S. PATENT DOCUMENTS

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Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

MM AA	Adelman, John P. et al. "Calcium-activated potassium channels expressed from cloned complementary DNAs." <i>Neutron</i> , 9:209-216 (1992).
AB	Arnoult, Christophe et al. "Activation of mouse sperm t-type Ca^{2+} channels by adhesion to the egg zona pellucida." <i>Proc. Natl. Acad. Sci. USA</i> 93:13004-13009 (1996).
AC	Atkinson, Nigel S. et al. "A component of calcium-activated potassium channels encoded by the <i>Drosophila slo</i> locus." <i>Science</i> , 253:551-555 (1991).
AD	Brayden, Joseph E. and Nelson, J. "Regulation of arterial tone by activation of calcium-dependent potassium channels." <i>Science</i> , 256:532-535 (1992).
AE	Butler, Alice et al. "mSlo, a complex mouse gene encoding "maxi" calcium-activated potassium channels." <i>Science</i> , 261:221-224 (1993).
AF	Cook, Sean P. and Babcock, J. "Selective Modulation by cGMP of the K^{+} channel activated by speract." <i>Journal of Biological Chemistry</i> , 268:22402-22407 (1993).
AG	Dworetzky, Steven I. et al. "Cloning and expression of a human large-conductance calcium-activated potassium channel." <i>Molecular Brain Research</i> , 27:189-183 (1994).
AH	Elkins, Thomas et al. "A <i>Drosophila</i> mutation that eliminates a calcium-dependent potassium current." <i>Proc. Natl. Acad. Sci. USA</i> , 83:8415-8419 (1986).
AI	Florman, Harvey M. "Activation of voltage-dependent calcium channels of mammalian sperm is required for zona pellucida-induced acrosomal exocytosis." <i>Developmental Biology</i> , 132:304-314 (1992).
AJ	Fuchs, Paul A. "Development of frequency tuning in the auditory periphery." <i>Current Opinion in Neurobiology</i> , 2:457-461, 1992.
AK	Hartmann, Hali A. et al. "Exchange of conduction pathways between two related K^{+} channels. <i>Science</i> , 251:942-944 (1991).
AL	Heginbotham, Lise et al. "Mutations in the K^{+} channel signature sequence." <i>Biophysical Journal</i> , 66:1061-1067 (1994).
AM	Knaus, Hans-Gunther et al. "Distribution of high-conductance Ca^{2+} -activated K^{+} channels in rat brain: targeting to axons and nerve terminals." <i>The Journal of Neuroscience</i> , 16:955-963 (1996).
AN	Liévano, Arturo et al. "T-type Ca^{2+} channels and α_{1E} expression in spermatogenic cells, and their possible relevance to the sperm acrosome reaction." <i>FEBS Letters</i> 388:150-154 (1996).
AO	Marty, A. "Ca-dependent K channels with large unitary conductance in chromaffin cell membranes." <i>Nature</i> , 291:497-500 (1981).
AP	McCobb, David P. et al. "A human calcium-activated potassium channel gene expressed in vascular smooth muscle." <i>Am. J. Physiol.</i> , 269:H767-H777 (1995).
AQ	Neely, Alan and Lingle, C.J. "Two components of calcium-activated potassium current in rat adrenal chromaffin cells." <i>Journal of Physiology</i> , 453:97-131 (1992).
AR	Pallotta, Barry S. et al. "Single channel recordings of Ca^{2+} -activated K^{+} currents in rat muscle cell culture." <i>Nature</i> , 293:471-474 (1981).
AS	Peterson, Ole H. and Maruyama, Y. "Calcium-activated potassium channels and their role in secretion." <i>Nature</i> (Review Article), 307:693-696 (1984).

09/19076

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		Filing Date: 10/21/98	Group: 1643
OTHER ART (continued)			
<u>Nm</u> AT	Robitaille, Richard and Charlton, M.P. "Presynaptic calcium signals and transmitter release are modulated by calcium-activated potassium channels." <i>The Journal of Neuroscience</i> , 12:297-305 (1992).		
<u> </u> AU	Santi, Celia M. et al. "A dihydropyridine-sensitive T-type Ca^{2+} current is the main Ca^{2+} current carrier in mouse primary spermatocytes." <i>Am. J. Physiol.</i> , 271:C1583-1593 (1996).		
<u> </u> AV	Schreiber, Matthew et al. "Slo3, a novel pH-sensitive K^{+} channel from mammalian spermatocytes." <i>The Journal of Biological Chemistry</i> , 273:3509-3516 (1998).		
<u> </u> AW	Schreiber, Matthew and Salkoff, L. "Novel calcium-sensing domain in the BK channel." <i>Biophysical Journal</i> , 73:1355-1363 (1997).		
<u> </u> AX	Tabcharani, Joseph A. and Misler, S. " Ca^{2+} -activated K^{+} channel in rat pancreatic islet B cells: permeation, gating and blockade by cations." <i>Biochim. Biophys. Acta</i> , 982:62-72 (1989).		
<u> </u> AY	Tseng-Crank, Julie et al. "Cloning, expression, and distribution of functionally distinct Ca^{2+} -activated K^{+} channel isoforms from human brain." <i>Nature</i> , 13:1315-1330 (1994).		
<u> </u> AZ	Wallner, M. et al. "Characterization of and modulation by a β -subunit of a human maxi K_{Ca} channel cloned from myometrium." <i>Receptors and Channels</i> , 3:185-199 (1995).		
<u> </u> AAA	Wei, A. et al. "Eight potassium-channel families revealed by the <i>C. elegans</i> genome project." <i>Neuropharmacology</i> , 35:805-829 (1996).		
<u> </u> AAB	Wei, Aguan et al. "Calcium sensitivity of BK-type K_{Ca} channels determined by a separable domain." <i>Neuron</i> , 13:671-681 (1994).		
<u> </u> AAC	Weyland, Ingo et al. "Cloning and functional expression of a cyclic-nucleotide-gated channel from mammalian sperm." <i>Nature (Letters)</i> :368-859-863 (1994).		
<u> </u> AAD	Wu, Y.-C. et al. "A kinetic description of the calcium-activated potassium channel and its application to electrical tuning of hair cells." <i>Prog. Biophys. Molec. Biol.</i> , 63:131-158 (1995).		
<u> </u> AAE	Yool, Andrea J. and Schwarz, T.L. "Alteration of ionic selectivity of a K^{+} channel by mutation of the H5 region." <i>Nature (Letters)</i> , 349:700-704 (1991).		
EXAMINER	DATE CONSIDERED 10/20/01		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.